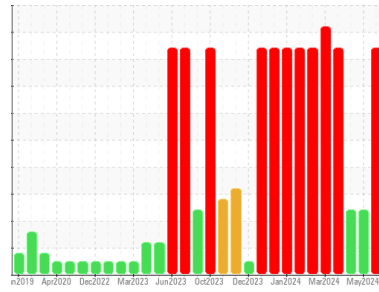




# PROBLEM SUMMARY

Machine Id  
**726047-310048**  
 Component  
**Diesel Engine**  
 Fluid  
**PETRO CANADA DURON SHP 15W40 (--- GAL)**

Sample Rating Trend

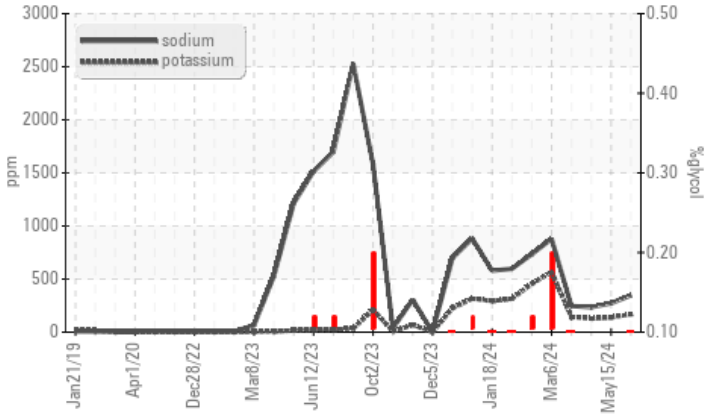


GLYCOL



## COMPONENT CONDITION SUMMARY

### ▲ Glycol Contamination



## RECOMMENDATION

We advise that you check for the source of the coolant leak. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

## PROBLEMATIC TEST RESULTS

Sample Status			<b>SEVERE</b>	ABNORMAL	ABNORMAL
Potassium	ppm	ASTM D5185m >20	▲ 168	▲ 139	▲ 128
Glycol	%	*ASTM D2982	▲ 0.10	NEG	NEG

Customer Id: GFL821  
 Sample No.: GFL0105301  
 Lab Number: 06209778  
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Wes Davis +1 905-569-8600 x223  
[wesd@wearcheck.ca](mailto:wesd@wearcheck.ca)

To change component or sample information:  
 Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Glycol Access	---	---	?	We advise that you check for the source of the coolant leak.

## HISTORICAL DIAGNOSIS

GLYCOL



### 15 May 2024 Diag: Jonathan Hester

We advise that you check for possible coolant leak. Check for low coolant level. We recommend an early resample to monitor this condition. All component wear rates are normal. Sodium and/or potassium levels are high. The BN result indicates that there is suitable alkalinity remaining in the oil.

view report



GLYCOL



### 25 Apr 2024 Diag: Jonathan Hester

We advise that you check for possible coolant leak. Check for low coolant level. We recommend an early resample to monitor this condition. All component wear rates are normal. Sodium and/or potassium levels are high. The BN result indicates that there is suitable alkalinity remaining in the oil.

view report



GLYCOL



### 25 Mar 2024 Diag: Jonathan Hester

We advise that you check for the source of the coolant leak. Check for low coolant level. We recommend an early resample to monitor this condition. All component wear rates are normal. Sodium and/or potassium levels remain high. Test for glycol is positive. The BN result indicates that there is suitable alkalinity remaining in the oil.

view report

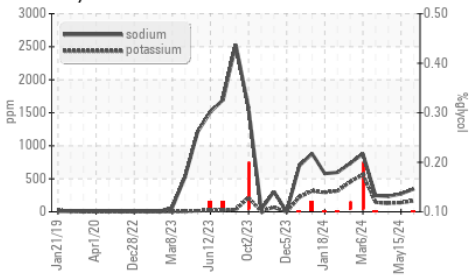




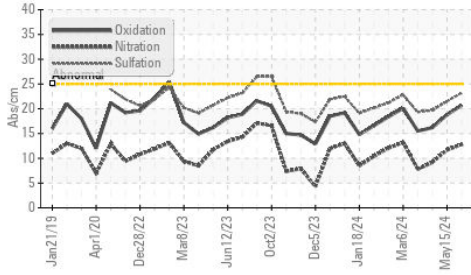


# OIL ANALYSIS REPORT

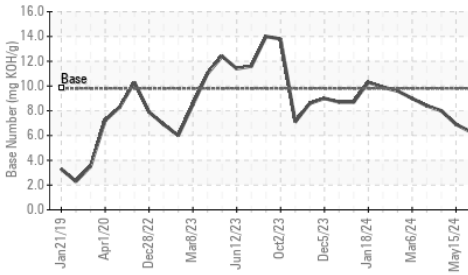
## ▲ Glycol Contamination



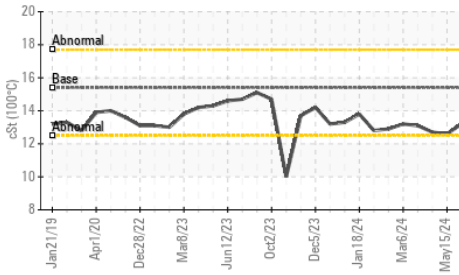
## FT-IR (Direct Trend)



## Base Number



## Viscosity @ 100°C



## VISUAL

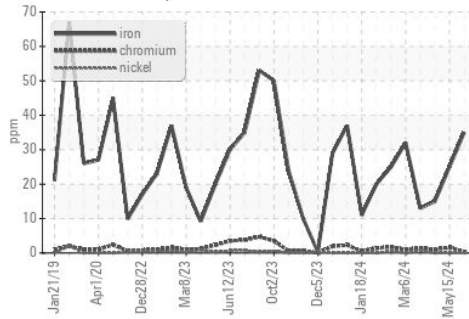
method	limit/base	current	history1	history2
White Metal	*Visual	NONE	NONE	NONE
Yellow Metal	*Visual	NONE	NONE	NONE
Precipitate	*Visual	NONE	NONE	NONE
Silt	*Visual	NONE	NONE	NONE
Debris	*Visual	NONE	NONE	NONE
Sand/Dirt	*Visual	NONE	NONE	NONE
Appearance	*Visual	NORML	NORML	NORML
Odor	*Visual	NORML	NORML	NORML
Emulsified Water	*Visual	>0.2	NEG	NEG
Free Water	*Visual	NEG	NEG	NEG

## FLUID PROPERTIES

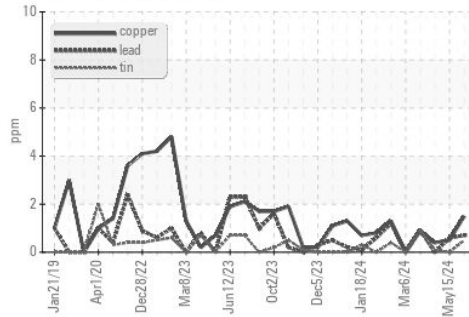
method	limit/base	current	history1	history2	
Visc @ 100°C	ASTM D445	15.4	13.2	12.6	12.7

## GRAPHS

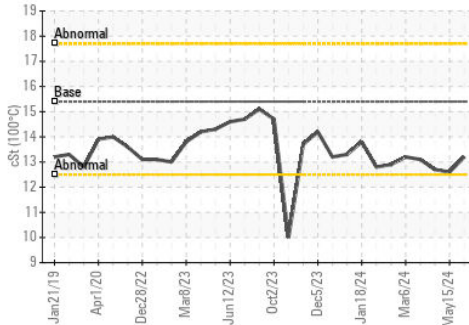
### Ferrous Alloys



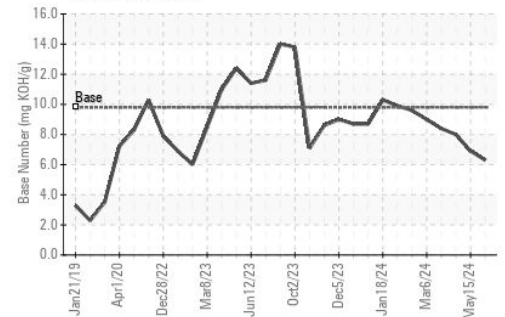
### Non-ferrous Metals



### Viscosity @ 100°C



### Base Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : GFL0105301

Lab Number : 06209778

Unique Number : 11082642

Test Package : FLEET ( Additional Tests: Glycol )

Received : 14 Jun 2024

Tested : 17 Jun 2024

Diagnosed : 17 Jun 2024 - Wes Davis

GFL Environmental - 821 - Ozarks Hauling

33924 Olath Drive

Lebanon, MO

US 65536

Contact: Landen Johnson

landen.johnson@gflenv.com

T: (417)664-0010

F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)